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	COMMENT	FILE	RETURN
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CONTROL NO. Z-30603/81

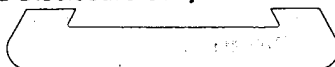
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**SILO VULNERABILITY TEST
SHAGAN RIVER TEST AREA, USSR**

25X1

1. (S/D) SIGNIFICANCE: EVIDENCE OF AN ICBM SILO VULNERABILITY TEST AT SHAGAN RIVER.
2. (S/D) REMARKS: A SILO VULNERABILITY TEST HAS BEEN CONDUCTED AT AREA 89 OF SHAGAN RIVER TEST AREA SINCE [REDACTED] (GRAPHIC 1 25X1 OF 2). THE EVENT, A PROBABLE SIMULTANEOUS HIGH EXPLOSIVE (HE) TEST/EXPERIMENT, HAS BEEN CONDUCTED AGAINST SILO 11, A TYPE IIIX COMMAND AND CONTROL SILO; AND SILO 13, A TYPE IIH SILO ASSOCIATED WITH THE SS-17 MISSILE SYSTEM. THE HIGH EXPLOSIVES SIMULATION TEST (HEST) STRUCTURES, CONSTRUCTED OVER BOTH SILOS TO SIMULATE BLAST OVERPRESSURE, HAVE BEEN DESTROYED. THROWOUT CRATERS ARE NEXT TO BOTH SILOS AND ARE PROBABLY THE RESULT OF DIRECT-INDUCED HIGH EXPLOSIVE SIMULATION TEST (DI-HEST) CHARGES. THE SILO DOORS ARE STILL BURIED UNDER THE RUBBLE, PRECLUDING A DAMAGE ASSESSMENT; HOWEVER, IF THE TEST/EXPERIMENT WAS TO HAVE INCLUDED AN IMMEDIATE POST BLAST LAUNCH OF A MISSILE, NO EVIDENCE OF SUCH A LAUNCH IS OBSERVED.

(S/D) AN HE EMPLACEMENT POINT FOR FUTURE TESTS IS BETWEEN SILOS 11 AND 13. GRAPHIC 2 OF 2 SHOWS THE HEST STRUCTURE BEING CONSTRUCTED OVER SILO 11, AND CONSTRUCTION MATERIAL FOR A HEST STRUCTURE ADJACENT TO SILO 13.

(S/D) IT IS EVIDENT THAT A SERIES OF TEST/EXPERIMENTS WILL BE CONDUCTED AT AREA 89. THREE OTHER SILOS ARE BEING PREPARED FOR TESTING. SILO 10, A TYPE IIIF SILO, AND SILO 12, A TYPE IIIG SILO, ARE NOT LOADED AND NO HEST STRUCTURES HAVE BEEN BUILT. SILO 14, A PROBABLE TYPE IIH SILO, IS STILL INCOMPLETE.
3. [REDACTED] COORDINATES 49-59-29N 078-55-52E 25X1

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